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OM protein - protein search, using sw model

Run on: March 9, 2005, 11:36:27 ; Search time 94.3416 Seconds
(without alignments)
868.463 Million cell updates/sec

Title: US-09-591-500A-5
Perfect score: 1288
Sequence: 1 MEMGRIHLELRNTPSDVK.....EEERGQKRKEPEDEGEDDD 249

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues

Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

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20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1288	100.0	249	9	US-09-262-610-4 Sequence 4, Appli
2	1288	100.0	249	9	US-09-825-886-24 Sequence 24, Appl
3	1288	100.0	249	14	US-10-213-700-4 Sequence 4, Appli
4	1288	100.0	249	14	US-10-273-334-14 Sequence 14, Appl
5	1279	99.3	249	14	US-10-273-334-29 Sequence 29, Appl
6	1255	97.4	249	14	US-10-273-334-10 Sequence 10, Appl
7	1218	94.6	249	14	US-10-273-334-12 Sequence 12, Appl
8	1201	93.2	249	14	US-10-273-334-34 Sequence 34, Appl
9	1043	81.0	234	14	US-10-273-334-24 Sequence 24, Appl
10	1002	77.8	234	14	US-10-273-334-22 Sequence 22, Appl
11	1001	77.7	234	14	US-10-273-334-2 Sequence 2, Appli
12	1001	77.7	234	14	US-10-273-334-49 Sequence 49, Appl
13	994	77.2	234	14	US-10-273-334-16 Sequence 16, Appl

14	897.5	69.7	251	9	US-09-262-610-3	Sequence 3, Appli
15	897.5	69.7	251	14	US-10-213-700-3	Sequence 3, Appli
16	880.5	68.4	251	9	US-09-262-610-1	Sequence 1, Appli
17	880.5	68.4	251	14	US-10-213-700-1	Sequence 1, Appli
18	781	60.6	268	15	US-10-104-047-3158	Sequence 3158, Ap
19	633	49.1	130	14	US-10-273-334-31	Sequence 31, Appl
20	631	49.0	218	15	US-10-108-260A-3032	Sequence 3032, Ap
21	607	47.1	130	14	US-10-273-334-5	Sequence 5, Appli
22	584	45.3	130	14	US-10-273-334-8	Sequence 8, Appli
23	584	45.3	130	14	US-10-273-334-18	Sequence 18, Appl
24	584	45.3	130	14	US-10-273-334-20	Sequence 20, Appl
25	584	45.3	130	14	US-10-273-334-27	Sequence 27, Appl
26	574	44.6	131	14	US-10-273-334-48	Sequence 48, Appl
27	412	32.1	272	16	US-10-437-963-168933	Sequence 168933,
28	372	28.9	295	15	US-10-424-599-239171	Sequence 239171,
29	233	18.1	197	13	US-10-101-487-51	Sequence 51, Appl
30	233	18.1	197	13	US-10-101-487-114	Sequence 114, App
31	226	17.5	179	13	US-10-101-487-107	Sequence 107, App
32	223	17.3	180	13	US-10-101-487-116	Sequence 116, App
33	219	17.0	176	13	US-10-101-487-56	Sequence 56, Appl
34	216	16.8	1162	11	US-09-894-273-2	Sequence 2, Appli
35	216	16.8	1162	14	US-10-294-804-2	Sequence 2, Appli
36	215	16.7	174	13	US-10-101-487-72	Sequence 72, Appl
37	215	16.7	175	13	US-10-101-487-57	Sequence 57, Appl
38	215	16.7	176	13	US-10-101-487-70	Sequence 70, Appl
39	215	16.7	177	13	US-10-101-487-48	Sequence 48, Appl
40	215	16.7	177	13	US-10-101-487-115	Sequence 115, App
41	215	16.7	179	13	US-10-101-487-46	Sequence 46, Appl
42	215	16.7	181	13	US-10-101-487-45	Sequence 45, Appl
43	215	16.7	186	13	US-10-101-487-44	Sequence 44, Appl
44	215	16.7	187	13	US-10-101-487-50	Sequence 50, Appl
45	215	16.7	191	13	US-10-101-487-81	Sequence 81, Appl

ALIGNMENTS

RESULT 1
US-09-262-610-4
; Sequence 4, Application US/09262610
; Publication No. US20020068816A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA: US/09/262,610
; APPLICATION NUMBER: US/09/262,610
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/766,738
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:

1	MEMGRRHLELRNRTPSDVKELVLDNSRSNKGLEGLTDFEELFEFLSTINVGLTSTIANL	60
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US-10-213-700-4		
; Sequence 4, Application US/10213700		
; Publication No. US20030022332A1		
; GENERAL INFORMATION:		
; APPLICANT: Bandman, Olga		
; Goli, Surya K.		
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN		
; NUMBER OF SEQUENCES: 4		
; CORRESPONDENCE ADDRESS:		
; ADDRESSEE: Incyte Pharmaceuticals, Inc.		
; STREET: 3174 Porter Drive		
; CITY: Palo Alto		
; STATE: CA		
; COUNTRY: USA		
; ZIP: 94304		
; COMPUTER READABLE FORM:		
; MEDIUM TYPE: Diskette		
; COMPUTER: IBM Compatible		
; OPERATING SYSTEM: DOS		
; SOFTWARE: FastSeq for Windows Version 2.0		
; CURRENT APPLICATION DATA:		
; APPLICATION NUMBER: US/10/213,700		
; FILING DATE: 06-Aug-2002		
; CLASSIFICATION: <Unknown>		
; PRIOR APPLICATION DATA:		
; APPLICATION NUMBER: US/08/766,738		
; FILING DATE: <Unknown>		
; ATTORNEY/AGENT INFORMATION:		
; NAME: Billings, Lucy J.		
; REGISTRATION NUMBER: 36,749		
; REFERENCE/DOCKET NUMBER: PF-0177 US		
; TELECOMMUNICATION INFORMATION:		
; TELEPHONE: 415-855-0555		
; TELEFAX: 415-845-4166		
; TELEX: <Unknown>		
; INFORMATION FOR SEQ ID NO: 4:		
; SEQUENCE CHARACTERISTICS:		
; LENGTH: 249 amino acids		
; TYPE: amino acid		
; STRANDEDNESS: single		
; TOPOLOGY: linear		
; IMMEDIATE SOURCE:		
; LIBRARY: GenBank		
; CLONE: 403007		
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:		
US-10-213-700-4		
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Best Local Similarity 100.0%; Pred. No. 5.2e-60; Indels 0; Gaps		
Matches 249; Conservative 0; Mismatches 0;		
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
  LENGTH: 249 amino acids
  TYPE: amino acid
  STRANDEDNESS: single
  TOPOLOGY: linear
  IMMEDIATE SOURCE:
  LIBRARY: GenBank
  CLONE: 403007
S-09-262-610-4

Query Match      100.0%; Score 1288; DB 9; Length 249;
Best Local Similarity 100.0%; Pred. No. 5.2e-80;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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y      121 FNCVETNLNDYRNVFKLLPQLTYLDGYDRDDKEAPSDAEGVVEGLDDEEEDDEEYD 180
b      121 FNCVETNLNDYRNVFKLLPQLTYLDGYDRDDKEAPSDAEGVVEGLDDEEEDDEEYD 180

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b      181 EDQAQVVEDEDEDEEESGEEDVSGEEDDEEGYNDGEVDDDEBELGEEERGQKKRE 240

y      241 PEDEGEDDD 249
b      241 PEDEGEDDD 249

RESULT 2
US-09-825-886-24
Sequence 24, Application US/09825886
Publication No. US20020076693A1
GENERAL INFORMATION:
  APPLICANT: Hovanessian, Ara
  APPLICANT: Callebaut, Christian
  APPLICANT: Krust, Bernard
  APPLICANT: Jacotot, Etienne
  APPLICANT: Muller, Sylviane
  APPLICANT: Briand, Jean-Paul
  APPLICANT: Guichard, Giles
  TITLE OF INVENTION: A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,
  FILE REFERENCE: 03495-0166-01000
  CURRENT APPLICATION NUMBER: US/09/825,886
  CURRENT FILING DATE: 2001-07-26
  PRIOR APPLICATION NUMBER: 09/393,302
  PRIOR FILING DATE: 1999-09-10
  PRIOR APPLICATION NUMBER: PCT/JP98/01409
  PRIOR FILING DATE: 1998-03-12
  PRIOR APPLICATION NUMBER: 60/040,969
  PRIOR FILING DATE: 1997-03-12
  NUMBER OF SEQ ID NOS: 32
  SOFTWARE: PatentIn Ver. 2.1
  SEQ ID NO 24
  LENGTH: 249
  TYPE: PRT
  ORGANISM: Homo sapiens
US-09-825-886-24

Query Match      100.0%; Score 1288; DB 9; Length 249;
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RESULT 8
US-10-273-334-34
; Sequence 34, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 34
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
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Best Local Similarity 98.7%; Pred. No. 4.3e-74;
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Db 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHNLGKIKDLSIEPLKLENKSLDL 120
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RESULT 9
US-10-273-334-24
; Sequence 24, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11

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Db 1 MEMGRIHLELRNTPSDVKELVLDNSRSGEGLTDFEELFSTINVGLTSIANL 60
Qy 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHNLGKIKDLSIEPLKLENKSLDL 120
Db 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHNLGKIKDLSIEPLKLENKSLDL 120
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Db 121 FNCVTNLDYRNVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEDEEYD 180
Qy 181 EDQVVEDEDEDEEEDVSGEEDEEGYNDGEVDDDEDEELGEEERGQKRE 240
Db 181 EDQVVEDEDEDEEEDVSGEEDEEGYNDGEVDDDEDEELGEEERGQKRE 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249
RESULT 7
US-10-273-334-12
; Sequence 12, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-12
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Best Local Similarity 94.4%; Pred. No. 3e-75; Indels 0; Gaps 0;
Matches 235; Conservative 6; Mismatches 8
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Db 61 PKLNKLELSDNRVSGGLEVLAEKCPNLTHNLGKIKDLSIEPLKLENKSLDL 120
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Db 121 FNCVTNLDYRNVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEDEEYD 180
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; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-24

Query Match 81.0%; Score 1043; DB 14; Length 234;
Best Local Similarity 89.5%; Pred. No. 2.e-63;
Matches 213; Conservative 5; Mismatches 16; Indels 4; Gaps 2;

Qy 1 MEMGRIHLELRNTPSDVKELVLDNSRSGLEGLTDFEPELEFLSTINVGLTSIDL 60
Db 1 MEMGRIHLELRNTPSDVKELVLDNSRSGLEGLTDFEPELEFLSTINVGLTSIDL 60

Qy 61 PKLKLKLELDNRVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPPLKLENKLSIDL 120
Db 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPPLKLENKLSIDL 116

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Db 117 FNCVNTLNNDYRENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEBEYD 176

Qy 181 EDAQVVEDEDEDEEEDVSGGDEDEEGYNDGEVDDDEEELGEEERQK 238
Db 177 EDAQVVEDEDEEEDVSGGDEDEEGYNDGEVDDDEEELGEEERQK 234

RESULT 10
US-10-273-334-22
; Sequence 22, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-22

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Best Local Similarity 86.1%; Pred. No. 1.4e-60;
Matches 205; Conservative 8; Mismatches 21; Indels 4; Gaps 2;

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Db 1 MEMGRIHLELRNTPSDVKELVLDNSRSGLEGLTDFEPELEFLSKINGGLTSIDL 60

Qy 61 PKLKLKLELDNRVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPPLKLENKLSIDL 120
Db 61 PKL-KLRKLEL---KVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPPLKLENKLSIDL 116

Qy 121 FNCVNTLNNDYRENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEDEBEYD 180
Db 117 FNCVNTLNNDYRENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEBEYD 176

Qy 181 EDAQVVEDEDEDEEEDVSGGDEDEEGYNDGEVDDDEEELGEEERQK 238
Db 177 EDAQVVEDEDEEEDVSGGDEDEEGYNDGEVDDDEEELGEEERQK 234

RESULT 11
US-10-273-334-2
; Sequence 2, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-2

Query Match 77.7%; Score 1001; DB 14; Length 234;
Best Local Similarity 86.1%; Pred. No. 1.6e-60;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

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Db 1 MEMGRIHLELRNTPSDVKELVLDNSRSGLEGLTDFEPELEFLSKINGGLTSIDL 60

Qy 61 PKLKLKLELDNRVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPPLKLENKLSIDL 120
Db 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTNLNSGNKIKDLSITPPLKLENKLSIDL 116

Qy 121 FNCVNTLNNDYRENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEDEBEYD 180
Db 117 FNCVNTLNNDYRENVFKLLPQLTVDGYDRDDKEAPSDAEGYVVEGLDDDEBEYD 176

Qy 181 EDAQVVEDEDEDEEEDVSGGDEDEEGYNDGEVDDDEEELGEEERQK 238
Db 177 EDAQVVEDEDEEEDVSGGDEDEEGYNDGEVDDDEEELGEEERQK 234

RESULT 12
US-10-273-334-49
; Sequence 49, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11

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; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-49

Query Match
  77.7%; Score 1001; DB 14; Length 234;
Best Local Similarity 86.1%; Pred. No. 1.6e-60;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHLELRNRTPSDVKELVLDNSRSGKLEGLTDFEELFLSTINVLTSIANL 60
DB 1 MEMGRIHSELNRAPSDVKELALDLSRSGKLEALTDFEELFLSKINGGLTSISDL 60
QY 61 PKLNKLKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENLKSDDL 120
DB 61 PKL-KURKLEL---RVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENLKSDDL 116
QY 121 FNCVETNLNDYRNVFKLLPQLTYLDGYDRDKEAPSDAEGVYVGLDDEDEDEEYD 180
DB 117 FNCVETNLNDYRNVFKLLQLTYLDSQYWDHKEAPSYDIEDHVEGLDDEEGEREYD 176
QY 181 EDAQVVEDEDEDEEGEREEDVSGGEDEEGYNDGEVDDEDEELGEEERQKRX 238
DB 177 EDAQVVEDEGEREEDVSGGEDEEGYNDGEVDDEDEELGEEERQKRX 234

RESULT 13
US-10-273-334-16
; Sequence 16, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kochevar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kokkol, Shrinari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-16

Query Match
  77.2%; Score 994; DB 14; Length 234;
Best Local Similarity 85.7%; Pred. No. 4.7e-60;
Matches 204; Conservative 7; Mismatches 23; Indels 4; Gaps 2;

QY 1 MEMGRIHLELRNRTPSDVKELVLDNSRSGKLEGLTDFEELFLSTINVLTSIANL 60
DB 1 MEMGRIHSELNRAPSDVKELALDLSRSGKLEALTDFEELFLSKINGGLTSISDL 60
QY 61 PKLNKLKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENLKSDDL 120
DB 61 PKL-KURKLEL---RVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENLKSDDL 116
QY 121 FNCVETNLNDYRNVFKLLPQLTYLDGYDRDKEAPSDAEGVYVGLDDEDEDEEYD 180
DB 117 FNCVETNLNDYRNVFKLLQLTYLDSQYWDHKEAPSYDIEDHVEGLDDEEGEREYD 176
QY 181 EDAQVVEDEDEDEEGEREEDVSGGEDEEGYNDGEVDDEDEELGEEERQKRX 238
DB 177 EDAQVVEDEGEREEDVSGGEDEEGYNDGEVDDEDEELGEEERQKRX 234

; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-262-610-3

Query Match
  69.7%; Score 897.5; DB 9; Length 251;
Best Local Similarity 70.1%; Pred. No. 1.9e-53;
Matches 178; Conservative 38; Mismatches 29; Indels 9; Gaps 4;

QY 1 MEMGRIHLELRNRTPSDVKELVLDNSRSGKLEGLTDFEELFLSTINVLTSIANL 60
DB 1 MDMKRIHLELRNRTPAARVLELVLDNCKSGDKIEGLTAEFVNLBFLSLINVLISVSL 60
QY 61 PKLNKLKLELSDNRVSGGLEVLAEKCPNLTHNLSGNKIKDLSLTIPLKLENLKSDDL 120
DB 61 PKL-KURKLELSENIFGGLDMLAEKLPNLTHNLSGNKIKDLSLTIPLKLECLKSDDL 120
QY 121 FNCVETNLNDYRNVFKLLPQLTYLDGYDRDKEAPSDAEGVYVGLDDEDEDEEYD 176
DB 121 FNCVETNLNDYRNVFKLLPQLTYLDGYDRDKEAPSDAEGVYVGLDDEDEDEEYD 178
QY 177 EYVDEDAQVVE--DEDEDEEGEREEDVSGGEDEEGYNDGEVDDEDEELGEEER 234
DB 179 DEDEDEEGEREEDVSGGEDEEGYNDGEVDDEDEELGEEER--ESGGKG 237
QY 235 QKREKREDEGEDD 248
DB 235 QKREKREDEGEDD 248
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Db 238 EKKRETDEGEDD 251

RESULT 15

US-10-213-700-3
; Sequence 3, Application US/10213700
; Publication No. US20030022332A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/213,700
; FILING DATE: 06-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,738
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PP-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 251 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1498225
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-10-213-700-3
Query Match 69.7%; Score 897.5; DB 14; Length 251;
Best Local Similarity 70.1%; Pred. No. 1.9e-53;
Matches 178; Conservative 38; Mismatches 29; Indels 9; Gaps 4;
Qy 1 MEMGRIHLELRNTPSDVKELVLDNRSNGKLEGLTDEFEFELEFLSTINVGLTSIANL 60
Db 1 MDKRRIHLELRNRTPAARVELVDNCKNDGKIEGLTAEPVNFLEFLSLINVGLISVSNL 60
Qy 61 PNLNKLKLELSDNRVSGGLEVLAEKCPNLTHLNLGNKIKDLSIEPLKLENLKSLDL 120
Db 61 PFLPKLLELSENRIFGGLDMLAEKLPNLTHLNLGNKLDISTLEPLKLECLKSLDL 120
Qy 121 FNCVTVNLNDYRNVFKLLPOLTYLDGYDRDDKEAPDSDAGVYVEGLDDEEDE- ---DE 176
Db 121 FNCVTVNLNDYRNVFKLLPOLTYLDGYDRDDKEAPDSDAE- -VDGVDESEDEEGEDEE 178
Qy 177 EYDEDAQVVE- -DEEDEDDEEGEEDVSGEEDEEGYNDGEVDDEDEEELGEEERG 234
Db 179 DEEDEDGEEFEDEDEDEDEVESEEEFEGLDDEDEDEDEE-EEGKG 237
Qy 235 QKRRPEDEGEDD 248

Db 238 EKKRETDEGEDD 251

Search completed: March 9, 2005, 11:55:57
Job time : 95.3416 secs

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OM protein - protein search, using sw model

Run on: March 9, 2005, 11:20:27 ; Search time 31.4472 Seconds
(without alignments)
591.074 Million cell updates/sec

Title: US-09-591-500A-5
Perfect score: 1288
Sequence: 1 MEMGRIHLELRNTPSDVK.....EEERGQKRXREPDEGEDDD 249

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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3: /cgn2_6/ptodata/1/iaa/6A.COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/6B.COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PTUS.COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	1288	100.0	249	1	US-08-314-503A-2
3	1288	100.0	249	1	US-08-468-066-2
4	1288	100.0	249	2	US-08-466-717-2
5	1288	100.0	249	2	US-08-766-738-4
6	1288	100.0	249	3	US-08-466-743-2
7	1288	100.0	249	4	US-09-262-610-4
8	1288	100.0	249	4	US-09-538-092-1101
9	1288	100.0	249	5	PCT-US95-12414-2
10	1288	100.0	275	4	US-09-949-016-7893
11	1277.5	99.2	250	4	US-09-190-976B-17
12	897.5	69.7	251	2	US-08-766-738-3
13	897.5	69.7	251	2	US-09-262-610-3
14	880.5	68.4	251	2	US-08-766-738-1
15	880.5	68.4	251	4	US-09-262-610-1
16	843	65.5	182	1	US-08-466-603-5
17	843	65.5	182	1	US-08-314-503A-5
18	843	65.5	182	1	US-08-468-066-5
19	843	65.5	182	2	US-08-466-717-5
20	843	65.5	182	3	US-08-466-743-5
21	843	65.5	182	5	PCT-US95-12414-5
22	216	16.8	1162	2	US-08-728-323A-2
23	216	16.8	1162	3	US-09-298-568-2
24	216	16.8	1162	4	US-09-410-399-2
25	216	16.8	1162	4	US-09-894-273-2
26	198	15.4	557	4	US-09-248-796A-19073
27	197.5	15.3	905	2	US-08-574-959A-9

28	197.5	15.3	905	3	US-09-357-014-9	Sequence 9, Appli
29	197.5	15.3	1135	2	US-08-574-959A-7	Sequence 7, Appli
30	197.5	15.3	1135	3	US-09-357-014-7	Sequence 7, Appli
31	188.5	14.6	279	4	US-09-699-266A-7	Sequence 7, Appli
32	182.5	14.2	764	1	US-08-378-300-4	Sequence 4, Appli
33	182.5	14.2	764	3	US-09-177-431-4	Sequence 4, Appli
34	182.5	14.2	764	5	PCT-US95-16930-4	Sequence 4, Appli
35	182.5	14.2	1089	1	US-08-375-300-2	Sequence 2, Appli
36	182.5	14.2	1089	3	US-09-177-431-2	Sequence 2, Appli
37	182.5	14.2	1089	5	PCT-US95-16930-2	Sequence 2, Appli
38	178.5	13.9	564	4	US-09-792-024-68	Sequence 68, Appli
39	174	13.5	568	4	US-09-949-016-10896	Sequence 10896, A
40	174	13.5	587	4	US-09-538-092-1130	Sequence 1130, Ap
41	174	13.5	714	2	US-08-990-114-3	Sequence 3, Appli
42	174	13.5	714	3	US-09-241-333-3	Sequence 3, Appli
43	173	13.4	599	4	US-09-538-092-864	Sequence 864, App
44	172	13.4	706	4	US-09-538-092-957	Sequence 957, App
45	172	13.4	747	4	US-09-949-016-10040	Sequence 10040, A

ALIGNMENTS

RESULT 1
US-08-466-603-2
; Sequence 2, Application US/08466603
; Patent No. 5726018
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: NO. 5726018el Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,603
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Posorske Esq., Laurence H.
; REGISTRATION NUMBER: 34,698
; REFERENCE/DOCKET NUMBER: 1107.47218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-466-603-2

Query Match 100.0%; Score 1288; DB 1; Length 249;
Best Local Similarity 100.0%; Pred. No. 4 6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MEMGRIHLELRNTPSDVKELVDNRSNEGKLEGLTDFEFEELEFSTINGVLTSLANL 60
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Db 181 EDQVVEDEDEDEEEGEEEDVSGEEDEEGYNDGEVDDEDEDEEELGEEERQKKRE 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249

RESULT 4
US-08-466-717-2
; Sequence 2, Application US/08466717
; Patent No. 5874234
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kujajda, Francis P.
; TITLE OF INVENTION: No. 5874234el Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466.717
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Posorske Esq., Laurence H.
; REGISTRATION NUMBER: 34,698
; REFERENCE/DOCKET NUMBER: 1107.47218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-466-717-2

Query Match 100.0%; Score 1288; DB 2; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MEMGRRHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELEFLSTINVGLTSIANL 60
Db 1 MEMGRRHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELEFLSTINVGLTSIANL 60
Qy 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTNLSGNKIKDLSITIEPLKKLENKLSLDL 120
Db 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTNLSGNKIKDLSITIEPLKKLENKLSLDL 120
Qy 121 FNCEVTNLNDYRENVPFKLLPQLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEDEEYD 180
Db 121 FNCEVTNLNDYRENVPFKLLPQLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEDEEYD 180
Qy 181 EDQVVEDEDEDEEERGEDVSGEEDEEGYNDGEVDDEDEEELGEEERQKKRE 240
Db 181 EDQVVEDEDEDEEERGEDVSGEEDEEGYNDGEVDDEDEEELGEEERQKKRE 240
Qy 241 PEDEGEDDD 249

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Db 241 PEDEGEDDD 249

RESULT 5
US-08-766-738-4
; Sequence 4, Application US/08766738
; Patent No. 5916749
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,738
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: Pf-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 403007
; US-08-766-738-4

Query Match 100.0%; Score 1288; DB 2; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MEMGRRHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELEFLSTINVGLTSIANL 60
Db 1 MEMGRRHLELRNTPSDVKELVDNRSNEGKLEGLTDFEELEFLSTINVGLTSIANL 60
Qy 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTNLSGNKIKDLSITIEPLKKLENKLSLDL 120
Db 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTNLSGNKIKDLSITIEPLKKLENKLSLDL 120
Qy 121 FNCEVTNLNDYRENVPFKLLPQLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEDEEYD 180
Db 121 FNCEVTNLNDYRENVPFKLLPQLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEDEEYD 180
Qy 181 EDQVVEDEDEDEEERGEDVSGEEDEEGYNDGEVDDEDEEELGEEERQKKRE 240
Db 181 EDQVVEDEDEDEEERGEDVSGEEDEEGYNDGEVDDEDEEELGEEERQKKRE 240
Qy 241 PEDEGEDDD 249

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Db 241 PEDEGEDDD 249

RESULT 6

US-08-466-743-2
 ; Sequence 2, Application US/08466743
 ; Patent No. 6040173
 ; GENERAL INFORMATION:
 ; APPLICANT: Pasternack, Gary R.
 ; APPLICANT: Kuhajda, Francis P.
 ; TITLE OF INVENTION: No. 6040173el Mammalian Protein Associated with
 ; TITLE OF INVENTION: Uncontrolled Cell Division
 ; NUMBER OF SEQUENCES: 9
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Banner, Birch, McKie & Beckett
 ; STREET: 1001 G Street, N.W.
 ; CITY: Washington, D.C.
 ; STATE: District of Columbia
 ; COUNTRY: U.S.A.
 ; ZIP: 20001
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/466,743
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/314,503
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Posorske Esq., Laurence H.
 ; REGISTRATION NUMBER: 34,698
 ; REFERENCE/DOCKET NUMBER: 1107.47218
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202 508-9153
 ; TELEFAX: 202 508-9299
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 249 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-466-743-2

Query Match 100.0%; Score 1288; DB 3; Length 249;
 Best Local Similarity 100.0%; Pred. No. 4.6e-102;
 Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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 Db 1 MEMGRIHLELRNRTSDVKELVLDNSRSNEGKLEGLTDFEFLEFLSTINVGLTSIANL 60
 QY 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTNLNLSGNKIKDLSLTIPLKLENKSLDL 120
 Db 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTNLNLSGNKIKDLSLTIPLKLENKSLDL 120
 QY 121 FNCVNTNLDYRNVFKLLPQLTYLDGYDRDDKEAPDSDAEGYVGLDDEDEDEDEEYD 180
 Db 121 FNCVNTNLDYRNVFKLLPQLTYLDGYDRDDKEAPDSDAEGYVGLDDEDEDEDEEYD 180
 QY 181 EDQVVEDE 240
 Db 181 EDQVVEDE 240
 QY 241 PEDEGEDDD 249
 Db 241 PEDEGEDDD 249

RESULT 7

US-09-262-610-4
 ; Sequence 4, Application US/09262610
 ; Patent No. 6428949
 ; GENERAL INFORMATION:
 ; APPLICANT: Bandman, Olga
 ; APPLICANT: Goli, Surya K.
 ; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/262,610
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/766,738
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0177 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-855-0555
 ; TELEFAX: 415-845-4166
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 249 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; IMMEDIATE SOURCE:
 ; LIBRARY: GenBank
 ; CLONE: 403007
 ; US-09-262-610-4

Query Match 100.0%; Score 1288; DB 4; Length 249;
 Best Local Similarity 100.0%; Pred. No. 4.6e-102;
 Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MEMGRIHLELRNRTSDVKELVLDNSRSNEGKLEGLTDFEFLEFLSTINVGLTSIANL 60
 Db 1 MEMGRIHLELRNRTSDVKELVLDNSRSNEGKLEGLTDFEFLEFLSTINVGLTSIANL 60
 QY 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTNLNLSGNKIKDLSLTIPLKLENKSLDL 120
 Db 61 PKLNKLLKLESDNRVSGGLEVLAEKCPNLTNLNLSGNKIKDLSLTIPLKLENKSLDL 120
 QY 121 FNCVNTNLDYRNVFKLLPQLTYLDGYDRDDKEAPDSDAEGYVGLDDEDEDEDEEYD 180
 Db 121 FNCVNTNLDYRNVFKLLPQLTYLDGYDRDDKEAPDSDAEGYVGLDDEDEDEDEEYD 180
 QY 181 EDQVVEDE 240
 Db 181 EDQVVEDE 240
 QY 241 PEDEGEDDD 249
 Db 241 PEDEGEDDD 249

RESULT 8
 US-09-538-092-1101

```
; Sequence 1101, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 1996-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuratSeqformatter Version 0.9
; SEQ ID NO 1101
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P39687
US-09-538-092-1101

Query Match      100.0%; Score 1288; DB 4; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MEMGRRHLELRNTPSDVKELVLDNSRSGKLEGLTDEFEELFSTINVGLTSIANL 60
Db 1 MEMGRRHLELRNTPSDVKELVLDNSRSGKLEGLTDEFEELFSTINVGLTSIANL 60
Qy 61 PKNLKKLELSDNRVSGGLEVLAEKCPNLTHLNLGSKNKKIDLSTIEPLKLENLKSIDL 120
Db 61 PKNLKKLELSDNRVSGGLEVLAEKCPNLTHLNLGSKNKKIDLSTIEPLKLENLKSIDL 120
Qy 121 FNCVNTNLNDYRNVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEEYD 180
Db 121 FNCVNTNLNDYRNVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEEYD 180
Qy 181 EDAQVDEDEDEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEED 240
Db 181 EDAQVDEDEDEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEED 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249

RESULT 9
PCT-US95-12414-2
; Sequence 2, Application PC/TUS9512414
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: Novel Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESS: Banner & Allegretti, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/12414
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; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hoscheit Esq., Dale H.
; REGISTRATION NUMBER: 19,090
; REFERENCE/DOCKET NUMBER: 1107.51507
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9239
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US95-12414-2

Query Match      100.0%; Score 1288; DB 5; Length 249;
Best Local Similarity 100.0%; Pred. No. 4.6e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MEMGRRHLELRNTPSDVKELVLDNSRSGKLEGLTDEFEELFSTINVGLTSIANL 60
Db 1 MEMGRRHLELRNTPSDVKELVLDNSRSGKLEGLTDEFEELFSTINVGLTSIANL 60
Qy 61 PKNLKKLELSDNRVSGGLEVLAEKCPNLTHLNLGSKNKKIDLSTIEPLKLENLKSIDL 120
Db 61 PKNLKKLELSDNRVSGGLEVLAEKCPNLTHLNLGSKNKKIDLSTIEPLKLENLKSIDL 120
Qy 121 FNCVNTNLNDYRNVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEEYD 180
Db 121 FNCVNTNLNDYRNVFKLLPOLTYLDGYDRDDKEAPSDAEGYVEGLDDEDEEYD 180
Qy 181 EDAQVDEDEDEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEED 240
Db 181 EDAQVDEDEDEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEEDVSGEEED 240
Qy 241 PEDEGEDDD 249
Db 241 PEDEGEDDD 249

RESULT 10
US-09-949-016-7893
; Sequence 7893, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7893
; LENGTH: 275
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7893

Query Match      100.0%; Score 1288; DB 4; Length 275;
Best Local Similarity 100.0%; Pred. No. 5.3e-102;
Matches 249; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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27	MEMGRR	IHLERNR	TPSDVKEL	VLDNRS	NEGKLE	GTDFE	PELE	PLSTIN	VGLTSIANL	86	
61	PKLNK	LKKLELSDNR	VSGGLEVLAE	KCPNLT	HLNLSG	NIKOL	STTPE	LKLENL	KSLDL	120	
87	PKLNK	LKKLELSDNR	VSGGLEVLAE	KCPNLT	HLNLSG	NIKOL	STTPE	LKLENL	KSLDL	146	
121	FNCVET	NLDYRENV	FKLLPOL	TYDGY	DRDKEA	PDSDA	EGV	VEGLDDEE	DEEEYD	180	
147	FNCVET	NLDYRENV	FKLLPOL	TYDGY	DRDKEA	PDSDA	EGV	VEGLDDEE	DEEEYD	206	
181	EDAQV	VEDEE	DEE	DEE	EGEER	DEE	EGYND	GEVDDE	DEDEELGEE	RQKKKE	240
207	EDAQV	VEDEE	DEE	DEE	EGEER	DEE	EGYND	GEVDDE	DEDEELGEE	RQKKKE	266
241	PEDEGE	DDDD	249								
267	PEDEGE	DDDD	275								

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207 EDQAQVVEDEDEDEEGEEDVSGEEDDEEGYNDGVEDDDEDEBELGEEKGQKKRKE 266
241 PEDEGEDDD 249
267 PEDEGEDDD 275

RESULT 11
US-09-190-976B-17
; Sequence 17, Application US/09190976B
; Patent No. 6815187
; GENERAL INFORMATION:
; APPLICANT: Simons, Michael
; Horowitz, Arie
; TITLE OF INVENTION: Stimulation of angiogenesis via
; syndecan-4 cytoplasmic domain signaling pathway
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David Praehker, Esq.
; STREET: P.O. Box 5387
; CITY: Magnolia
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01930
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.40 Mb storage
; COMPUTER: Dell PC
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Microsoft Word version 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/190,976B
; FILING DATE: 12-NO. 6815187-1998
; CLASSIFICATION: Unknown
; ATTORNEY/AGENT INFORMATION:
; NAME: David Praehker, Esq.
; REGISTRATION NUMBER: 29,693
; REFERENCE/DOCKET NUMBER: BIS-041
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (978) 525-3794
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 250 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-190-976B-17

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US-09-190-9768B-17

SEQUENCE DESCRIPTION: Oxy 1

Query Match 99.2%; Score 1277.5; DB 4; Length 250;
Best Local Similarity 99.6%; Pred. No. 3.6e-101;
Matches 249; Conservative 0; Mismatches 0; Indels 1; Gaps 1;

Oy 1 MEMGRRIHLEARNTPSDVKELVLDNSRSNEKLEGLTDFEEFEFLSTINVLGTSIANL 60
|||||
Db 1 MEMGRRIHLEARNTPSDVKELVLDNSRSNEKLEGLTDFEEFEFLSTINVLGTSIANL 60
|||||
61 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021 022 023 024 025 026 027 028 029 030 031 032 033 034 035 036 037 038 039 040 041 042 043 044 045 046 047 048 049 050 051 052 053 054 055 056 057 058 059 060 061 062 063 064 065 066 067 068 069 070 071 072 073 074 075 076 077 078 079 080 081 082 083 084 085 086 087 088 089 090 091 092 093 094 095 096 097 098 099 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 9

Db 1 MEMGRIHLELRNRTSPDKVELDLSNRSNEGKLEGLTDFEELFSLTINVLGTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTLYLSGNKIKDLSSTIEPLKOLENLSLDL 116
Db 61 PKLKLKLELSNRSVSGGLEVLAEKCPNLTLYLSGNKIKDLSSTIEPLKOLENLSLDL 120
QY 117 FNCVNTLNLDYGENVFKLLQLTYLDSYWDHKEAPYSDIEDHVEGLDDEEHEEYD 176
Db 121 FNCVNTLNLDYRNVFKLLPQLTYLDGYDRDKAPSDAEGVVEGLDDEEHEEYD 180
QY 177 EDAQVVEDEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEYD 234
Db 181 EDAQVVEDEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEYD 238

RESULT 2
US-08-314-503A-2
; Sequence 2, Application US/08314503A
; Patent No. 5734022
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: No. 5734022el Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/314,503A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Posorske Esq., Laurence H.
; REGISTRATION NUMBER: 34,698
; REFERENCE/DOCKET NUMBER: 1107.47218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-314-503A-2

Query Match 82.3%; Score 1001; DB 1; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHLELRNRTSPDKVELDLSNRSNEGKLEGLTDFEELFSLTINVLGTSIANL 60
Db 1 MEMGRIHLELRNRTSPDKVELDLSNRSNEGKLEGLTDFEELFSLTINVLGTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTLYLSGNKIKDLSSTIEPLKOLENLSLDL 116
Db 61 PKLKLKLELSNRSVSGGLEVLAEKCPNLTLYLSGNKIKDLSSTIEPLKOLENLSLDL 120
QY 117 FNCVNTLNLDYGENVFKLLQLTYLDSYWDHKEAPYSDIEDHVEGLDDEEHEEHEEYD 176
Db 121 FNCVNTLNLDYRNVFKLLPQLTYLDGYDRDKAPSDAEGVVEGLDDEEHEEHEEYD 180
QY 177 EDAQVVEDEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEYD 234
Db 181 EDAQVVEDEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEYD 238

Db 181 EDAQVVEDEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEYD 238

RESULT 3
US-08-468-066-2
; Sequence 2, Application US/08468066
; Patent No. 5756676
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: No. 5756676el Mammalian Protein Associated With
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,066
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Posorske Esq., Laurence H.
; REGISTRATION NUMBER: 34,698
; REFERENCE/DOCKET NUMBER: 1107.47218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-468-066-2

Query Match 82.3%; Score 1001; DB 1; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHLELRNRTSPDKVELDLSNRSNEGKLEGLTDFEELFSLTINVLGTSIANL 60
Db 1 MEMGRIHLELRNRTSPDKVELDLSNRSNEGKLEGLTDFEELFSLTINVLGTSIANL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTLYLSGNKIKDLSSTIEPLKOLENLSLDL 116
Db 61 PKLKLKLELSNRSVSGGLEVLAEKCPNLTLYLSGNKIKDLSSTIEPLKOLENLSLDL 120
QY 117 FNCVNTLNLDYGENVFKLLQLTYLDSYWDHKEAPYSDIEDHVEGLDDEEHEEHEEYD 176
Db 121 FNCVNTLNLDYRNVFKLLPQLTYLDGYDRDKAPSDAEGVVEGLDDEEHEEHEEYD 180
QY 177 EDAQVVEDEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEYD 234
Db 181 EDAQVVEDEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEHEEYD 238

RESULT 4
US-08-466-717-2
; Sequence 2, Application US/08466717
; Patent No. 5874234

GENERAL INFORMATION:
APPLICANT: Pasternack, Gary R.
APPLICANT: Kuhajda, Francis P.
TITLE OF INVENTION: No. 6040173el Mammalian Protein Associated With
TITLE OF INVENTION: Uncontrolled Cell Division
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner, Birch, McKie & Beckett
STREET: 1001 G Street, N.W.
CITY: Washington, D.C.
STATE: District of Columbia
COUNTRY: U.S.A.
ZIP: 20001

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,743
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/314,503
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Posorske Esq., Laurence H.
REGISTRATION NUMBER: 34,698
REFERENCE/DOCKET NUMBER: 1107.47218
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 508-9153
TELEFAX: 202 508-9299
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 249 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-466-743-2

Query Match 82.3%; Score 1001; DB 3; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSLRNAPSDVKELALDINSRSGKLEALTDPEFEFLSKINGLTSISDL 60
DB 1 MEMGRIHSLRNAPSDVKELALDINSRSGKLEALTDPEFEFLSKINGLTSISDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENKSLDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENKSLDL 120
QY 117 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVGDLDEEGEHEEYD 176
DB 121 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVGDLDEEGEHEEYD 180
QY 177 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 234
DB 181 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 238

RESULT 7
US-09-262-610-4
Sequence 4, Application US/09262610
Patent No. 6428949
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,610
FILING DATE:
CLASSIFICATION:

Query Match 82.3%; Score 1001; DB 4; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSLRNAPSDVKELALDINSRSGKLEALTDPEFEFLSKINGLTSISDL 60
DB 1 MEMGRIHSLRNAPSDVKELALDINSRSGKLEALTDPEFEFLSKINGLTSISDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENKSLDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENKSLDL 120
QY 117 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVGDLDEEGEHEEYD 176
DB 121 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVGDLDEEGEHEEYD 180
QY 177 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 234
DB 181 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 238

RESULT 8
US-09-538-092-1101
Sequence 1101, Application US/09538092
Patent No. 6753314
GENERAL INFORMATION:
APPLICANT: Giot, Loic
APPLICANT: Mansfield, Traci A.
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CurapatSeqformat Version 0.9
SEQ ID NO 1101
LENGTH: 249
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: Polypeptide Accession Number P39687
US-09-538-092-1101

Query Match 82.3%; Score 1001; DB 4; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,743
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/314,503
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Posorske Esq., Laurence H.
REGISTRATION NUMBER: 34,698
REFERENCE/DOCKET NUMBER: 1107.47218
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 508-9153
TELEFAX: 202 508-9299
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 249 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-466-743-2

Query Match 82.3%; Score 1001; DB 3; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSLRNAPSDVKELALDINSRSGKLEALTDPEFEFLSKINGLTSISDL 60
DB 1 MEMGRIHSLRNAPSDVKELALDINSRSGKLEALTDPEFEFLSKINGLTSISDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENKSLDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENKSLDL 120
QY 117 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVGDLDEEGEHEEYD 176
DB 121 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVGDLDEEGEHEEYD 180
QY 177 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 234
DB 181 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 238

RESULT 7
US-09-262-610-4
Sequence 4, Application US/09262610
Patent No. 6428949
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,610
FILING DATE:
CLASSIFICATION:

Query Match 82.3%; Score 1001; DB 3; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSLRNAPSDVKELALDINSRSGKLEALTDPEFEFLSKINGLTSISDL 60
DB 1 MEMGRIHSLRNAPSDVKELALDINSRSGKLEALTDPEFEFLSKINGLTSISDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENKSLDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKLENKSLDL 120
QY 117 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVGDLDEEGEHEEYD 176
DB 121 FNCVNTNLDYGNVFKLLQLTYLSDCYWDHKEAPYSDIEDHVGDLDEEGEHEEYD 180
QY 177 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 234
DB 181 EDAQVVEDEGEDEEEDVSGDEDEEGYNDGEVDGEDEEELGEERGGQRK 238

RESULT 7
US-09-262-610-4
Sequence 4, Application US/09262610
Patent No. 6428949
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/262,610
FILING DATE:
CLASSIFICATION:

Query Match 82.3%; Score 1001; DB 3; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKGLKALTDPEEFLSKINGLTSIDL 60
DB 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKGLKALTDPEEFLSKINGLTSIDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKOLENLSIDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKOLENLSIDL 120
QY 117 FNCVNTLNDYGENVFKLLQLTYLDSCYWDHKEAPYSDIEDHVEGLDDEBEGEREYD 176
DB 121 FNCVNTLNDYGENVFKLLPQLTYLDGYDRDDKEAPSDAEGYVGLDDEBEDEEYD 180
QY 177 EDAQVVEDEGEDEEEDVSGGDEDEEGYNDGVEGDDEEELGEERGOGRK 234
DB 181 EDAQVVEDEDEEEDVSGGDEDEEGYNDGVEGDDEEELGEERGOGRK 238

RESULT 9

PCT-US95-12414-2
; Sequence 2, Application PC/TUS9512414
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kuhajda, Francis P.
; TITLE OF INVENTION: Novel Mammalian Protein Associated with
; TITLE OF INVENTION: Uncontrolled Cell Division
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, Ltd.
; STREET: 1001 G Street, N.W.
; CITY: Washington, D.C.
; STATE: District of Columbia
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/12414
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/314,503
; FILING DATE: 22-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hoscheit Esq., Dale H.
; REGISTRATION NUMBER: 19,090
; REFERENCE/DOCKET NUMBER: 1107.51507
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 508-9153
; TELEFAX: 202 508-9299
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 249 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US95-12414-2

Query Match 82.3%; Score 1001; DB 5; Length 249;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKGLKALTDPEEFLSKINGLTSIDL 60
DB 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKGLKALTDPEEFLSKINGLTSIDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKOLENLSIDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKOLENLSIDL 120

QY 117 FNCVNTLNDYGENVFKLLQLTYLDSCYWDHKEAPYSDIEDHVEGLDDEBEGEREYD 176
DB 121 FNCVNTLNDYGENVFKLLPQLTYLDGYDRDDKEAPSDAEGYVGLDDEBEDEEYD 180
QY 177 EDAQVVEDEGEDEEEDVSGGDEDEEGYNDGVEGDDEEELGEERGOGRK 234
DB 181 EDAQVVEDEDEEEDVSGGDEDEEGYNDGVEGDDEEELGEERGOGRK 238

RESULT 10

US-09-976B-17
; Sequence 17, Application US/09190976B
; Patent No. 6815187
; GENERAL INFORMATION:
; APPLICANT: Simons, Michael
; Horowitz, Arie
; TITLE OF INVENTION: Stimulation of angiogenesis via
; syndecan-4 cytoplasmic domain signaling pathway
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David Prashker, Esq.
; STREET: P.O. Box 5387
; CITY: Magnolia
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 01930
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.40 Mb storage
; COMPUTER: Dell PC
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Microsoft Word version 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09190.976B
; FILING DATE: 12-No. 6815187-1998
; CLASSIFICATION: Unknown
; ATTORNEY/AGENT INFORMATION:
; NAME: David Prashker, Esq.
; REGISTRATION NUMBER: 29,693
; REFERENCE/DOCKET NUMBER: BIS-041
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (978) 525-3794
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 250 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-190-976B-17

Query Match 82.3%; Score 1001; DB 4; Length 250;
Best Local Similarity 86.1%; Pred. No. 5.8e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKGLKALTDPEEFLSKINGLTSIDL 60
DB 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKGLKALTDPEEFLSKINGLTSIDL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKOLENLSIDL 116
DB 61 PKLNLKLELSDNRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKOLENLSIDL 120
QY 117 FNCVNTLNDYGENVFKLLQLTYLDSCYWDHKEAPYSDIEDHVEGLDDEBEGEREYD 176
DB 121 FNCVNTLNDYGENVFKLLPQLTYLDGYDRDDKEAPSDAEGYVGLDDEBEDEEYD 180
QY 177 EDAQVVEDEGEDEEEDVSGGDEDEEGYNDGVEGDDEEELGEERGOGRK 234
DB 181 EDAQVVEDEDEEEDVSGGDEDEEGYNDGVEGDDEEELGEERGOGRK 238

RESULT 11

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US-09-949-016-7893
; Sequence 7893, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7893
; LENGTH: 275
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7893

Query Match      82.3%; Score 1001; DB 4; Length 275;
Best Local Similarity 86.1%; Pred. No. 6.7e-88;
Matches 205; Conservative 7; Mismatches 22; Indels 4; Gaps 2;

QY 1 MEMGRRHSELNRAPSDVKELALDLSNRSGKLEALTDFFELEFLSKINGLTSIDL 60
DB 27 MEMGRRHLELRNRTSDVKELVLDLSNRSGKLEGLTDEFELEFLSTINVLTSIANL 86
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHTLYLSGNKIKDLSLTIEPLKOLENLSIDL 116
DB 87 PKLNKLELSLDNRVSGGLEVLAEKCPNLTHTLNLGNKIKDLSLTIEPLKLENLSIDL 146
QY 117 FNCVNTLNLDYGENVFKLLQLTYLDSCYWDHKEAPYSDIEDHVEGLDDEEGEHEEYD 176
DB 147 FNCVNTLNLDYRNVFKLLPQLTYLDGYDRDKEAPSDAGYVGVGDDDEEDDEEYD 206
QY 177 EDAAQVVEDEGEDEEEDVSGGDEDEEGYNDGEVDGEDEBELGEEERQKRX 234
DB 207 EDAAQVVEDEDEDEEEDVSGEEDDEEGYNDGEVDDEDEBELGEEERQKRX 264

RESULT 12
US-08-766-738-3
; Sequence 3, Application US/08766738
; Patent No. 5916749
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/766,738
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

US-09-949-016-7893
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 251 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1498225
US-08-766-738-3

Query Match      56.2%; Score 683.5; DB 2; Length 251;
Best Local Similarity 61.0%; Pred. No. 1.6e-57;
Matches 152; Conservative 34; Mismatches 40; Indels 23; Gaps 8;

QY 1 MEMGRRHSELNRAPSDVKELALDLSNRSGKLEALTDFFELEFLSKINGLTSIDL 60
DB 1 MDMKERIHLERLRNRTPAARVRELVDLNDCKNSDKIEGLTAEFVNLEFLSLINVGLTSVSNL 60
QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHTLYLSGNKIKDLSLTIEPLKOLENLSIDL 116
DB 61 PKLPKLELSENRIFGGLDMLAEKLPNLTHTLNLGNKIKDLSLTIEPLKLECLKSLDL 120
QY 117 FNCVNTLNLDYGENVFKLLQLTYLDSCYWDHKEAPYSDIEDHVEGLDDEEGEHE-EEY 175
DB 121 FNCVNTLNLDYRNVFKLLPQLTYLDGYDRDKEAPSDAE--VDGVDEEEDERGEDEE 178
QY 176 DEDAQVVEDEGEDEE---EEGEEDVSG-----GDEEDEEGYNDGEVDGEDEEELG 225
DB 179 DED-----DEGEDEFEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEE-E 232
QY 226 EERGGQKRX 234
DB 233 EGGKGEKRX 241

RESULT 13
US-09-262-610-3
; Sequence 3, Application US/09262610
; Patent No. 6428949
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/262,610
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/766,738
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
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; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 251 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: Consensus
; CLONE: 1813361
; US-09-262-610-1

Query Match      55.8%; Score 676.5; DB 4; Length 251;
Best Local Similarity 60.6%; Pred. No. 7.3e-57;
Matches 151; Conservative 34; Mismatches 41; Indels 23; Gaps 8;

QY      1 MEMGRIRHSELRNAPSVDYKELALDMSRNEGKLEALTDPEPELEFLSKINGLTSIDL 60
Db      1 MDMKRIHLELRNRTPAARVELVDNCKNDGKIEGLTAEFVNLEFLSLINVGLISVSNL 60

QY      61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTLYLSGNKIKDSTIEPLKQLENLKSLLD 116
Db      61 PKLPKLLKLELSNRIFGGDLMLAEKLPNLTLYLSGNKIXDSTIEPLKLECLKSLDL 120

QY      117 FNCVETNLNDYGENVFKLLQLTLDSYWDHKEAPYSIDIEHVEGLD-DEBEGEHEEY 175.
Db      121 FNCVETNLNDYRESVFKLLPQLTYLDGYDREDQEPDSDAE--VDGVXXEEDGEDEE 178

QY      176 DEDAQVVEDEEGEEF---EEEGEEEDVSG-----GDREDEGYNDGVGDEDEEELG 225
Db      179 DED-----DEDGEEEFDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEE-E 232

QY      226 EERGGQKK 234
Db      233 EGGKGEKK 241

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Job time : 31.5528 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 9, 2005, 11:36:27 ; Search time 88.6584 Seconds
(without alignments)
868.463 Million cell updates/sec

Title: US-09-591-500A-4
Perfect score: 1216
Sequence: 1 MEMGRRHSELNRAPSDVK.....VDGEDEBELGEEGRGQKRK 234

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues

Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA.*
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
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4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
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10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
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17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	1216	100.0	234	14	US-10-273-334-49
3	1209	99.4	234	14	US-10-273-334-16
4	1209	99.4	234	14	US-10-273-334-22
5	1161	95.5	234	14	US-10-273-334-24
6	1019	83.8	249	14	US-10-273-334-34
7	1001	82.3	249	9	US-09-262-610-4
8	1001	82.3	249	9	US-09-825-886-24
9	1001	82.3	249	14	US-10-213-700-4
10	1001	82.3	249	14	US-10-273-334-14
11	992	81.6	249	14	US-10-273-334-29
12	974	80.1	249	14	US-10-273-334-10
13	940	77.3	249	14	US-10-273-334-12

14	683.5	56.2	251	9	US-09-262-610-3	Sequence 3, Appli
15	683.5	56.2	251	14	US-10-213-700-3	Sequence 3, Appli
16	676.5	55.6	251	9	US-09-262-610-1	Sequence 1, Appli
17	676.5	55.6	251	14	US-10-213-700-1	Sequence 1, Appli
18	618	50.8	268	15	US-10-104-047-3158	Sequence 3158, Ap
19	532	43.8	130	14	US-10-273-334-31	Sequence 31, Appl
20	512	42.1	130	14	US-10-273-334-5	Sequence 5, Appli
21	492	40.5	130	14	US-10-273-334-8	Sequence 8, Appli
22	492	40.5	130	14	US-10-273-334-18	Sequence 18, Appl
23	492	40.5	130	14	US-10-273-334-20	Sequence 20, Appl
24	492	40.5	130	14	US-10-273-334-27	Sequence 27, Appl
25	482	39.6	130	14	US-10-273-334-48	Sequence 48, Appl
26	478	39.3	218	15	US-10-108-260A-3032	Sequence 3032, Ap
27	302.5	23.6	272	16	US-10-437-963-168933	Sequence 168933,
28	287.5	24.9	295	15	US-10-424-599-239171	Sequence 239171,
29	175	14.4	76	13	US-10-101-487-36	Sequence 36, Appl
30	174	14.3	542	15	US-10-205-331-57	Sequence 57, Appl
31	173	14.2	180	13	US-10-101-487-116	Sequence 116, App
32	173	14.2	197	13	US-10-101-487-51	Sequence 51, Appl
33	171	14.1	197	13	US-10-101-487-114	Sequence 114, App
34	170	14.0	200	13	US-10-101-487-53	Sequence 53, Appl
35	169	13.9	179	13	US-10-101-487-107	Sequence 107, App
36	169	13.9	181	13	US-10-101-487-45	Sequence 45, Appl
37	166	13.7	176	13	US-10-101-487-70	Sequence 70, Appl
38	166	13.7	177	13	US-10-101-487-48	Sequence 48, Appl
39	166	13.7	177	13	US-10-101-487-115	Sequence 115, App
40	166	13.7	179	13	US-10-101-487-46	Sequence 46, Appl
41	166	13.7	186	13	US-10-101-487-44	Sequence 44, Appl
42	166	13.7	187	13	US-10-101-487-50	Sequence 50, Appl
43	166	13.7	191	13	US-10-101-487-81	Sequence 81, Appl
44	166	13.7	198	13	US-10-101-487-42	Sequence 42, Appl
45	165	13.6	174	13	US-10-101-487-72	Sequence 72, Appl

ALIGNMENTS

RESULT 1
US-10-273-334-2
; Sequence 2, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kochevar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkol, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273.334
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-2

Query Match 100.0%; Score 1216; DB 14; Length 234;
Best Local Similarity 100.0%; Pred. No. 6.2e-87;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MEMGRRHSELNRAPSDVKELALDNRSGKLEALTDDEEEFLSKINGLTSIDL 60
Db 1 MEMGRRHSELNRAPSDVKELALDNRSGKLEALTDDEEEFLSKINGLTSIDL 60
Qy 61 PKLRLKLELRVSGGLEVAECPNLTHLYLSGNKIKDLSITIEPLKQLENKSLDLFNCE 120

Db 61 PKLKRKLELRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNC 120
QY 121 VTNLNDYGENVFKLLQLTLVDSYWDHKEAPYSIEDHVEGLDDDEEGHEEYDEDAQ 180
Db 121 VTNLNDYGENVFKLLQLTLVDSYWDHKEAPYSIEDHVEGLDDDEEGHEEYDEDAQ 180
QY 181 VVEDEEGEEEEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234
Db 181 VVEDEEGEEEEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234

RESULT 2

US-10-273-334-49
; Sequence 49, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkoi, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR FILING DATE: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-49

Query Match 100.0%; Score 1216; DB 14; Length 234;
Best Local Similarity 100.0%; Pred. No. 6.2e-87;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
Db 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
QY 61 PKLKRKLELRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNC 120
Db 61 PKLKRKLELRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNC 120
QY 121 VTNLNDYGENVFKLLQLTLVDSYWDHKEAPYSIEDHVEGLDDDEEGHEEYDEDAQ 180
Db 121 VTNLNDYGENVFKLLQLTLVDSYWDHKEAPYSIEDHVEGLDDDEEGHEEYDEDAQ 180
QY 181 VVEDEEGEEEEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234
Db 181 VVEDEEGEEEEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234

RESULT 3

US-10-273-334-16
; Sequence 16, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkoi, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18

; PRIOR APPLICATION NUMBER: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-16

Query Match 99.4%; Score 1209; DB 14; Length 234;
Best Local Similarity 99.6%; Pred. No. 2.2e-86;
Matches 233; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
Db 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
QY 61 PKLKRKLELRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNC 120
Db 61 PKLKRKLELRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNC 120
QY 121 VTNLNDYGENVFKLLQLTLVDSYWDHKEAPYSIEDHVEGLDDDEEGHEEYDEDAQ 180
Db 121 VTNLNDYGENVFKLLQLTLVDSYWDHKEAPYSIEDHVEGLDDDEEGHEEYDEDAQ 180
QY 181 VVEDEEGEEEEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234
Db 181 VVEDEEGEEEEEEDVSGGDEDEEGYNDGVDGDEDEELGEEERQK 234

RESULT 4

US-10-273-334-22
; Sequence 22, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kocheavar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kodkoi, Shrihari S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; CURRENT FILING DATE: 2002-10-18
; PRIOR FILING DATE: US/09/591,500
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/US98/26433
; PRIOR FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: US 60/069,677
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-22

Query Match 99.4%; Score 1209; DB 14; Length 234;
Best Local Similarity 99.1%; Pred. No. 2.2e-86;
Matches 232; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
Db 1 MEMGRIHSELNRAPSDVKELALDNRSGNEKLEALTDEFELEFLSKINGGLTSISDL 60
QY 61 PKLKRKLELRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNC 120
Db 61 PKLKRKLELRVSGGLEVLAEKCPNLTHLYLSGNKIKDLSLTIPLKQLENKSLDLFNC 120

QY 121 VTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDEEGERHEEYDEDAQ 180
 DB 121 VTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDEEGERHEEYDEDAQ 180
 QY 181 VVEDEGEERHEEYDEGVGDEDEGYNDGEVGDDEEELGEEERGGK 234
 DB 181 VVEDEGEERHEEYDEGVGDEDEGYNDGEVGDDEEELGEEERGGK 234

RESULT 5

US-10-273-334-24
 ; Sequence 24, Application US/10273334
 ; Publication No. US20030129631A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pasternack, Gary R.
 ; APPLICANT: Kocheavar, Gerald J.
 ; APPLICANT: Brody, Jonathan R.
 ; APPLICANT: Kodkol, Shrihari S.
 ; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
 ; FILE REFERENCE: 031787.0076
 ; CURRENT APPLICATION NUMBER: US/10/273,334
 ; CURRENT FILING DATE: 2002-10-18
 ; PRIOR APPLICATION NUMBER: US/09/591,500
 ; PRIOR FILING DATE: 2000-12-06
 ; PRIOR APPLICATION NUMBER: PCT/US98/26433
 ; PRIOR FILING DATE: 1998-12-11
 ; PRIOR APPLICATION NUMBER: US 60/069,677
 ; PRIOR FILING DATE: 1997-12-11
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: Patent in version 3.1
 ; SEQ ID NO 24
 ; LENGTH: 234
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-273-334-24

Query Match 95.5%; Score 1161; DB 14; Length 234;
 Best Local Similarity 95.7%; Pred. No. 1.2e-82;
 Matches 224; Conservative 2; Mismatches 8; Indels 0; Gaps 0;
 QY 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEEFLSKINGLTSIDL 60
 DB 1 MEMGRIHSELNRTPSDVKELVLDNRSGKLEGLTDEFEELFSTINVLTSIANL 60
 QY 61 PKLKLRLKLELVSGGLEVAECPNLTHLYLSGNKIKDLSIEPLKQLENKSLDLFNC 120
 DB 61 PKLKLRLKLELVSGGLEVAECPNLTHLYLSGNKIKDLSIEPLKQLENKSLDLFNC 120
 QY 121 VTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDEEGERHEEYDEDAQ 180
 DB 121 VTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDEEGERHEEYDEDAQ 180
 QY 181 VVEDEGEERHEEYDEGVGDEDEGYNDGEVGDDEEELGEEERGGK 234
 DB 181 VVEDEGEERHEEYDEGVGDEDEGYNDGEVGDDEEELGEEERGGK 234

RESULT 6

US-10-273-334-34
 ; Sequence 34, Application US/10273334
 ; Publication No. US20030129631A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pasternack, Gary R.
 ; APPLICANT: Kocheavar, Gerald J.
 ; APPLICANT: Brody, Jonathan R.
 ; APPLICANT: Kodkol, Shrihari S.
 ; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
 ; FILE REFERENCE: 031787.0076
 ; CURRENT APPLICATION NUMBER: US/10/273,334
 ; CURRENT FILING DATE: 2002-10-18
 ; PRIOR APPLICATION NUMBER: US/09/591,500
 ; PRIOR FILING DATE: 2000-12-06

; PRIOR APPLICATION NUMBER: PCT/US98/26433
 ; PRIOR FILING DATE: 1998-12-11
 ; PRIOR APPLICATION NUMBER: US 60/069,677
 ; PRIOR FILING DATE: 1997-12-11
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: Patent in version 3.1
 ; SEQ ID NO 34
 ; LENGTH: 249
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-10-273-334-34

Query Match 83.8%; Score 1019; DB 14; Length 249;
 Best Local Similarity 87.0%; Pred. No. 1.5e-71;
 Matches 207; Conservative 7; Mismatches 20; Indels 4; Gaps 2;
 QY 1 MEMGRIHSELNRAPSDVKELALDNRSGKLEALTDPEEFLSKINGLTSIDL 60
 DB 1 MEMGRIHSELNRTPSDVKELVLDNRSGKLEGLTDEFEELFSTINVLTSIANL 60
 QY 61 PKLKLRLKLELVSGGLEVAECPNLTHLYLSGNKIKDLSIEPLKQLENKSLDL 116
 DB 61 PKLKLRLKLELVSGGLEVAECPNLTHLYLSGNKIKDLSIEPLKQLENKSLDL 120
 QY 117 FNCEVTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDEEGERHEEYD 176
 DB 121 FNCEVTNLNDYGENVFKLLQLTYLDSYWDHKEAPYSIEDHVEGLDDEEGERHEEYD 180
 QY 177 EDQVVEDEGEERHEEYDEGVGDEDEGYNDGEVGDDEEELGEEERGGK 234
 DB 181 EDQVVEDEGEERHEEYDEGVGDEDEGYNDGEVGDDEEELGEEERGGK 238

RESULT 7

US-09-262-610-4
 ; Sequence 4, Application US/09262610
 ; Publication No. US20020068816A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Bandman, Olga
 ; APPLICANT: Goli, Surya K.
 ; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Incyte Pharmaceuticals, Inc.
 ; STREET: 3174 Porter Drive
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/262,610
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/766,738
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Billings, Lucy J.
 ; REGISTRATION NUMBER: 36,749
 ; REFERENCE/DOCKET NUMBER: PF-0177 US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415-855-0555
 ; TELEFAX: 415-845-4166
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 249 amino acids
 ; TYPE: amino acid


```

RESULT 13
US-10-273-334-12
; Sequence 12, Application US/10273334
; Publication No. US20030129631A1
; GENERAL INFORMATION:
; APPLICANT: Pasternack, Gary R.
; APPLICANT: Kochevar, Gerald J.
; APPLICANT: Brody, Jonathan R.
; APPLICANT: Kokkol, Shrinani S.
; TITLE OF INVENTION: GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY
; FILE REFERENCE: 031787.0076
; CURRENT APPLICATION NUMBER: US/10/273,334
; PRIOR FILING DATE: 2002-10-18
; PRIOR FILING DATE: 2000-12-06
; PRIOR FILING DATE: 1998-12-11
; PRIOR FILING DATE: 1997-12-11
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-273-334-12

Query Match      77.3%; Score 940; DB 14; Length 249;
Best Local Similarity 81.5%; Pred. No. 2.2e-65;
Matches 194; Conservative 12; Mismatches 28; Indels 4; Gaps 2;

QY 1 MEMGRRTHSELNRAPSDVKELALDNRSGNEKLEALTDFFELEFLSKINGLTSIDL 60
DB 1 MEMGKRIHLELRNRTPSDKVLELDNSQSGNEKLEGLTDFEELNLTINIGLSIANL 60

QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKLENLKSIDL 116
DB 61 PKLKLKLELSSNRASVGLVLAECPLNHLNLSGNKIKDLSTIEPLKLENLKSIDL 120

QY 117 FNCVNTNLNDYGENVFKLLQLTYLDSQCYWDHKEAPYSYDIEDHVEGLDDEEHEEYD 176
DB 121 FTCEVTNLANNYRNVFKLLPQLTYLDGYDRDKEAPDSAEAGYVVEGLDDEEHEEYD 180

QY 177 EDAQVVEDEGEEREEEDVSGDEDEEGYNDGEVDEDEBELGEERGGK 234
DB 181 EDAQVVEDEDEEEDVSGDEDEEGYNDGEVDEDEBELGEERGGK 238

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RESULT 14
US-09-262-610-3
; Sequence 3, Application US/09262610
; Publication No. US20020068816A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/262,610
; FILING DATE:

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; CLASSIFICATION:
; PRIOR APPLICATION DATA: 08/766,738
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0177 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 251 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 1498225
; US-09-262-610-3

Query Match      56.2%; Score 683.5; DB 9; Length 251;
Best Local Similarity 61.0%; Pred. No. 2.1e-45;
Matches 152; Conservative 34; Mismatches 40; Indels 23; Gaps 8;

QY 1 MEMGRRTHSELNRAPSDVKELALDNRSGNEKLEALTDFFELEFLSKINGLTSIDL 60
DB 1 MDMKRRIHLELRNRTPAARVRELVLNCKNDGKIEGLTAEFVNLEFLSLINVGLISVNL 60

QY 61 PKL-KLRKLEL---RVSGGLEVLAEKCPNLTHLYLSGNKIKDLSTIEPLKLENLKSIDL 116
DB 61 PKLKLKLELSSNRASVGLVLAECPLNHLNLSGNKIKDLSTIEPLKLENLKSIDL 120

QY 117 FNCVNTNLNDYGENVFKLLQLTYLDSQCYWDHKEAPYSYDIEDHVEGLDDEEHEEY 175
DB 121 FNCVNTNLNDYRESVFKLLPQLTYLDGYDRDKEAPDSAE--VDGVDEEEDDEGEDEE 178

QY 176 EDAQVVEDEGEEREE---EEGEEDVSG-----GDEDEEGYNDGEVDEEHEEGL 225
DB 179 DED-----DEGEEDFEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEE-E 232

QY 226 EEEGGGK 234
DB 233 EGGGK 241

RESULT 15
US-10-213-700-3
; Sequence 3, Application US/10213700
; Publication No. US2003002332A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Goli, Surya K.
; TITLE OF INVENTION: NOVEL HUMAN PHOSPHATASE INHIBITOR PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/213,700
; FILING DATE: 06-Aug-2002
; CLASSIFICATION: <Unknown>

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Search completed: March 9, 2005, 11:55:56
Job time : 89.6584 secs

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